



Helvellyn Class

Autumn Term

Curriculum Information

2023/24

Journeys

Migration and Mountains

"The best view comes after the hardest climb"

Maths

This term in maths we will be focusing on: place value, using the four operations of addition, subtraction, multiplication and division and we will be looking at fractions in the run up to Christmas.

In each lesson we will be concentrating on problem solving and reasoning and expecting children to use the correct vocabulary to explain their thinking and answers.

Below is some of the content we will be covering.

Place value: Using numbers to 1,000,000 and 10,000,000, partitioning numbers, Roman numerals up to 1000 (M), negative numbers, powers of 10, rounding, decimal numbers

Four Operations: short and long division written methods, written methods for multiplication including 2-digit x 2-digit numbers, multiples, factors, cubed and squared numbers, prime numbers, multiplication, division, addition and subtraction with decimals

Fractions: Calculating with fractions, converting fractions, equivalent fractions, finding fractions of amounts

Children will also complete Flashback 4s - 4 questions that review current and past learning to help them retrieve and remember all aspects of maths covered across the term and from previous years!

Children will be supported using concrete resources, pictures, talking and discussion both with the adults and with peers.

English

Fiction

The Journey - Francesca Sanna

This picture book details a child's journey to a new country as a refugee. This will link closely to our history learning on migration to Britain. We will be using this book to write poetry, write from character's perspectives and write a narrative story.

Christmas Text - A Christmas Carol - Charles Dickens

As we approach Christmas we will look at this classic Victorian book. We will write a persuasive letter and use drama to create speeches as Scrooge or the ghosts!

Non-Fiction

Everest - Alexandra Stewart

To tie into our geography, we will be reading this book about Everest. We will create a fact-file and write diary entries as either Edmund Hillary or Tenzing Norgay.

Poetry

The Dreadful Menace

This is a film and poetry unit where children will develop their vocabulary for description and suspense and learn a poem to recite by heart using a mountain as a prompt.

Grammar and Punctuation

Grammar, punctuation and spelling techniques are taught within English lessons. This term we will revise and learn about: ellipsis, colons indicating a reveal and a list, expanded noun phrases to convey precise information, understand the term word classes, identify commands, questions and statements, devices to build cohesion within a paragraph and using a dictionary to define words.

Spelling

Children will continue to have spelling sessions three times a week with a spelling test on Fridays.

Science

Our science topic for Term 1 is: **Properties and Changes of Materials**

This is a really hands-on, practical science unit where children will be using different equipment and materials to look at processes such as: dissolving, evaporating, separating, filtering, sieving and mixing. We will then use our knowledge of these reversible and irreversible changes to conduct different experiments and investigations to compare and group together everyday materials on the basis of their properties. We will develop our ability to give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic. We will also look at how some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda.

Our science topic for Term 2 is: **Forces**

In this unit we will learn that objects fall towards the Earth because of the force of gravity. We will look at the effects and identify the forces of air resistance, water resistance and friction. We will also build and use mechanisms, including levers, pulleys and gears, to show how cause and effect of forces.

We will communicate our science learning in a variety of ways including pictures, graphs and written experiment studies.

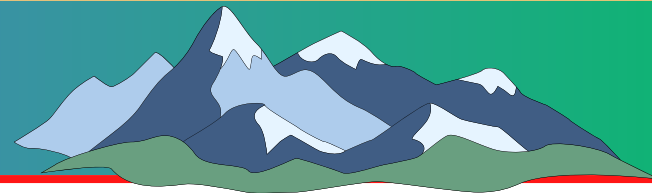
RE

Our RE topic for Term 1 is: **What does it mean if God is holy and loving?**

In this topic, we will investigate why Christians want a relationship with God and what this relationship might look like. We will discuss how the Bible gives clues as to what the Christian God is like and why Christians want to worship God. We will also use the church to think about how churches and cathedrals are designed to reflect what God is like and how Christians worship God. We will use lots of art and drama in our learning.

Our RE topic for Term 2 is: **How significant is it that Mary was Jesus' mother?**

We will celebrate the build up to Christmas by looking at Jesus' mother, Mary. We will use the Bible to investigate why Mary was chosen for this important job. We will also look at how Mary is depicted in art, music and in media and what we can infer about Mary from these images. We will also look at whether Christmas traditions reflect the meaning of Christmas for Christians and how different traditions symbolise different aspects of the story of Christmas.



Art and Design Technology

Over the autumn term we will be focusing on **drawing** and **sculpture** and looking at the work of culturally important artists linked to **these techniques**. In drawing we will learn about: line drawing, continuous line drawing, tonal drawing, drawing on different backgrounds and textures, using viewfinders to select a smaller section of the image, using tools to scratch into paint and layering, cutting or ripping paper. In our sculpture we will be using a range of different materials, linking into our science learning, to create 3D installations.

Geography

Over the autumn term we will be looking at **mountains**.

We will look at the process of how mountains are formed, which will link to children's previous learning on rocks and how the Earth is formed. We will look at the physical features of mountains and compare mountains in the UK and around the world to look at the similarities and differences in climate, weather, flora and fauna.

As well as looking at the physical geography of mountains, we will look at the human geography and think about how mountains play an important role in Cumbria. We will look at how the Kendal Mountain Festival affects the local economy and whether the tourism that local mountains and hills bring to Cumbria has a positive or negative impact on the people and environment. Linking to our theme of journeys we will look globally at mountain tourism and how and why people travel great distances to see and climb mountains.

We will also look at how to map mountains, considering what contour lines are and what they can tell us when looking at OS maps.

History

Over the autumn term we will be looking at **migrations** and the question, **What is migration and how have migrants to Britain experienced it and what is their impact on Britain?**

We will look at what migration means as well as the factors that 'push' or 'pulled' people to migrate to Britain through history.

We will then go through different periods of history, touching upon periods that the children will have covered before as well as some new ones, and look at migration in these different eras. For example, we will look at migration in the Roman, Anglo Saxon, Viking, Tudor and WWII periods of time. We will also look at Windrush and what exactly happened in this event as it is a current issue in the media that children may have come across.

We will consider in what ways British culture has been shaped by the different communities and people who have migrated to Britain and consider modern issues around migration.

We will also look close to Shap and think about people who have migrated in the local community.

French

In Term 1 we will be learning about: **France**

We will learn about who speaks French and where in the world these people are, linking to our work on migration. We learn some classic French songs and learn about French food.

In Term 2 we will learn about: **Family**

We will learn how to describe our family and read and re-enact a French version of Cinderella!

For French we follow the programme Salut! Each week we will learn new vocabulary, consolidate previous vocabulary and use these words to read, write and speak French.

PSHE

In Term 1 we will be learning about **New Beginnings** using our theme of '*journeys*' to consider our own personal journey and the collective journey we will go on as Helvellyn Class this year. We will look at self-esteem and how to challenge new problems with confidence.

In Term 2 we start our PSHE rotation. Helvellyn class will be with me learning about **Physical Health**. We will cover: personal hygiene and having a good personal hygiene routine and what a good one might look like; limiting screen time and getting good quality sleep and immunisations and vaccinations including how they work and how they were discovered.

Computing

In computing in Term 1 we will look at: **Computing systems and networks - Communication and collaboration**. We will explore how data is transferred over the internet. Children will look at how the internet facilitates online communication and collaboration and will complete shared projects online and evaluate different methods of communication. We will also look at internet safety.

In Term 2 we will be learning about: **Data and information - Flat-file databases**. We will organise data and use tools within a database to order and answer questions. We will create graphs and charts from data to solve problems.

PE

In PE this term we will be doing **gymnastics** and **netball**.

In gymnastics we will consolidate floor work such as different ways to balance both independently and with a partner; travelling and different types of rolls. We will then progress onto different types of apparatus and look at how we can use this to balance, travel and land safely.

In netball we will learn throwing and catching skills as well as learning the rules of the game. We will focus closely on tactics and understand how to defend and attack through different formations.

Music

We follow the Charanga music scheme. In Term 1 we will cover: **singing and playing in different styles**. We will listen and sing along with different genres of music from all around the world,. We will learn about, 'tempo' referring to the speed of the beat – or how fast or slow the musical sounds need to be played by looking at musical notation.

In Term 2 we will move on to: **melody and harmony in music**. We will learn that a melody (or a tune) is a group of notes played one after another and that harmony means notes which are played at the same time, like chords. We will build upon our previous unit by exploring the voices that sing the melodies and harmonies along with the instruments used within the music in this unit to create harmonies.

In Year 5 children will learn the recorder. We will look at playing technique, learning basic notes and applying these to simple songs. We will perform for the class and the whole school in worship times and learn how to play as part of an ensemble. We will learn how to read musical notation including notes, tempo and simple key signatures.

Outdoor Education

This year we welcome Emma Daley to Shap. Emma is an experienced and trained outdoor educator and she will be leading the class in their outdoor education lessons once every 4 weeks.

This year the children will be working towards the RSPB Wild Challenge Awards. In the autumn term they will focus on the bronze award. Children will be conducting birdwatches and creating habitats for certain birds. They will also keep honing their bush craft skills.

Helvellyn outdoor sessions will be on:

Wednesday 13th September

Wednesday 11th November

Wednesday 15th December

